

What is claimed is:

1. A mobile communication device, comprising:
 - a first power system and a second power system; and
 - a radio device that processes radio signals and receives power from the second power system, the radio device controls the first power system to operate in at least one operating state in response to a status of the radio signals.
2. The device of claim 1, the radio device facilitates the first power system entering a normal power state of the at least one operating state when the status of the radio signals indicates at least one of establishing a connection and establishing a session.
3. The device of claim 1, the radio device facilitates the first power system entering a low power state of the at least one operating state when the status of the radio signals indicates termination of a session.
4. The device of claim 1, a low power state of the at least one operating state is associated with a communication session of a session stack being stored in a memory.
5. The device of claim 1, a normal power state of the at least one operating state is associated with a communication session stored in a memory being placed in a session stack.
6. The device of claim 5, the communication session is a previous communication session that facilitates quick re-establishment of communication with another device.
7. The device of claim 1, the first power system powers a central processing system that operatively communicates with the radio device.

8. The device of claim 7, the central processing system enters a low power state of the at least one operating state only after a communication session is stored in a memory.

9. The device of claim 7, the central processing system receives a wake-up signal from the radio device when a communication signal from a second device is directed to the mobile communication device, such that a communication session is copied from a memory to a session stack to reestablish a communication session.

10. The device of claim 9, the central processing system copies a configuration setting from the memory that overrides a default configuration setting.

11. The device of claim 1, the at least one operating state includes a normal mode that loads a device driver of the radio device.

12. The device of claim 11, the device driver loads configuration data in response to the device driver being loaded.

13. The device of claim 1, the at least one operating state includes an enhanced mode that maintains the radio device in a communication session while the first power system is in a sleep mode.

14. A cellular telephone according to the device of claim 1.

15. The device of claim 1, further comprising an input device that allows a user to select between at least a normal mode and an enhanced mode.

16. The device of claim 1, the radio device is at least one PCMCIA card.

17. A mobile communication device, comprising:
 - a central processing system that receives power from a first power system; and
 - a radio device that receives power from a second power system, the radio device processes radio signals and signals the central processing system to operate in at least one operating state in response to a status of the radio signals.
18. The device of claim 17, the radio device facilitates the first power system entering a normal power state of the at least one operating state when the status of the radio signals indicates at least one of establishing a connection and establishing a session, and the radio device facilitates the first power system entering the low power state of the at least one operating state when the status of the radio signals indicates termination of the session.
19. The device of claim 17, a low power state of the at least one operating state is associated with a communication session of a session stack being stored in a memory, and a normal power state of the at least one operating state is associated with the communication session stored in the memory being copied therefrom and placed in the session stack.
20. The device of claim 17, the first power system powers a central processing system that operatively communicates with the radio device, the central processing system enters a low power state of the at least one operating state only after a communication session is stored in a memory and wakes up from the low power state when the radio signals are received from a second device, such that the communication session is resumed by copying the session stack from the memory into a session stack to reestablish the communication session.

21. The device of claim 17, further comprising a battery backup module that supplies power when at least one of a battery module is being replaced and the battery module fails.

22. A method of maintaining a communication session in a mobile communication device, comprising:

receiving a first power system that supplies power to a central processing system and a second power system that supplies power to a radio device;

creating at least a communication session in a session stack during an operating state of the central processing system when communication is established with a remote device; and

passing the communication session between the session stack and a memory of the central processing system in accordance with the operating state.

23. The method of claim 22, the passing of the communication session further comprising,

copying the communication session from the session stack to the memory of the central processing system when the operating state is a low power operating state; and

copying the communication session into the session stack from the memory to re-establish the communication session when the operating state is a normal power operating state.

24. The method of claim 22, further comprising copying configuration settings into the memory prior to entering a low power operating state.

25. The method of claim 22, further comprising copying configuration settings from the memory to override default configuration settings after a wake-up signal is received by the central processing system.

26. The method of claim 22, further comprising providing an operating system running on the central processing system, which operating system initiates a suspend state prior to entering a low power operating state, and a resume event after receiving a wake-up signal.

27. The method of claim 22, the operating state is a low power state when the radio device fails to receive radio signals within a predetermined duration of time, and a normal operating state when the radio signals indicate at least one of establishing a connection and establishing a session.

28. The method of claim 22, further comprising loading a device driver of the radio device in association with a normal operating state.

29. The method of claim 22, further comprising maintaining the communication session via the radio device while the central operating system is in a low power operating state.

30. A system that facilitates a communication session in a mobile communication device, comprising:

means for receiving a first power system that supplies power to a central processing system and a second power system that supplies power to a radio device;

means for creating at least a communication session in a session stack during an operating state of the central processing system when communication is established with a remote device;

means for copying the communication session from the session stack to the memory of the central processing system when the operating state is a low power operating state; and

means for copying the communication session into the session stack from the memory to re-establish the communication session when the operating state is a normal power operating state.